

Portable Near Infrared Vein Imager



Designed to assist healthcare professionals in locating and assessing peripheral veins

SIMPLICITY

Single button operation, no calibration, minimal training, easy to use and reliable

PORTABILITY

Lightweight, durable, size of a smart phone

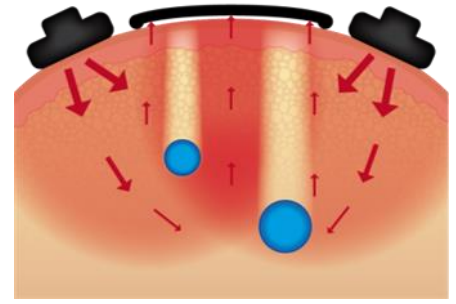
PERFORMANCE

Safe Near Infrared light with advanced digital processing for real time imaging up to 10mm beneath the skin surface*

* can vary from patient to patient

NEAR INFRARED LIGHT

Adjacent near infrared (NIR) LED's situated in the flexible wings directly illuminate the patient's limb from both sides of the target area. This enables the NIR light to penetrate deep into the skin and subcutaneous tissue before being absorbed by the hemoglobin in the blood. The remaining light is captured by the camera and then processed to display a real-time image of the vascular structure.



CLINICAL APPLICATION

The IV-eye is a simple, portable, handheld imaging device. It does not replace standard visualisation techniques, but can assist medical professionals trained in vascular access to locate, identify and assess peripheral veins for the purposes of cannulation and venipuncture. The IV-eye is designed to assist with difficult vein access in patient types such as dark skin, high BMI, elderly or dehydrated. It may also help to reassure patients who are needle phobic, agitated or stressed.

AREAS OF USE

Hospital Areas

Emergency Department
Anaesthesiology
IV Access Teams
Oncology

Alternate Care

Long Term Care
Day Surgery Centers
Renal and Diabetes Clinics
Dentists

Home Health

Home Nursing
Home Infusion Services
Hospice Care
Ambulance/EMS



PRODUCT SPECIFICATIONS	
Size	11 x 5 x 5.5cm (4.3" x 2" x 2.2")
Weight	130 grams (4.6oz) (excluding batteries) 185 grams (6.5oz) (including batteries)
Batteries	2 x AA 1.5v alkaline batteries – Duracell Ultra or similar recommended
Battery life	Up to 2 hours typical (continuous run time on full charge on patient)
Illumination wavelengths	850nm (LEDs) 650nm (Red Index Light)

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